Multimedia Video Interface for Mercedes-Benz Equipped with Command NET 2.5 with SD slot

Compatible car models:

- Mercedes-Benz A-Class (2009 manufacture year)
- Mercedes-Benz B-Class (2009 manufacture year)
- Mercedes-Benz CLC-Class (2009 manufacture year)
- Mercedes-Benz CLS-Class (2009 manufacture year)
- Mercedes-Benz CLK-Class (2009 manufacture year)
- Mercedes-Benz G-Class (2009 manufacture year)
- Mercedes-Benz GL-Class (2009 manufacture year)
- Mercedes-Benz GLK-Class (2009 manufacture year)
- Mercedes-Benz ML-Class (2009 manufacture year)
- Mercedes-Benz R-Class (2009 manufacture year)
- Mercedes-Benz SL-Class (2009 manufacture year)
- Mercedes-Benz SLK-Class (2009 manufacture year)
- Mercedes-Benz SLR-Class (2009 manufacture year)
- Mercedes-Benz V-Class (2009 manufacture year)

This car video interface is fully compatible with monitors of the above-mentioned cars. After interface connection all original functions of the head unit are preserved. Switching between RGB, AV1, AV2 video sources and original image is performed via original **NAVI** button. Blue wire for rear view camera signal must be connected in case of OEM rear view camera or if you need to connect aftermarket rear view camera!

Note: All above-mentioned monitors do not have touch screens. That is why you can purchase 6.5-inch touch screen panel (this size is for reference only, please refer to the size of your car monitor) and also USB touch screen controller for more comfortable usage of navigation box (e.g. CS9100).

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Center console with dismantled monitor.

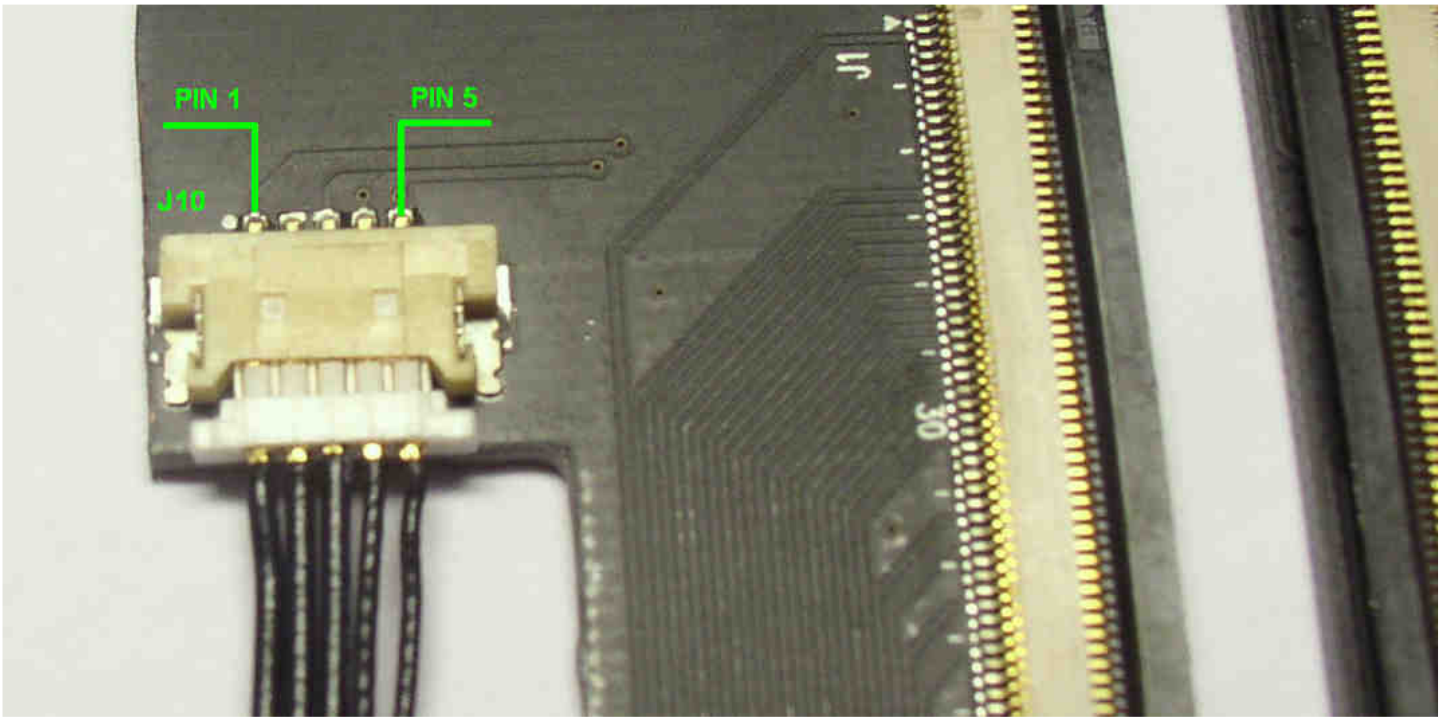
The glove box contains external AUX input. You can connect audio signal directly to the input or directly to the AUX input wires. In the latter case wires will be hidden.

Infrared receiver of connected devices (DVD player, TV set) can be placed at the joint of windshield and ceiling upholstery (wires can be placed under ceiling upholstery). Apply double-sided tape carefully in order to avoid ungluing because of high temperatures.

Video Interface for Mercedes-Benz 2009
Main Cable Pinout

Wire colour	Wire purpose	Wire marking
Red	Power +12V	ACC/12V
Black	Power GND	GND
Blue	Rear view camera activation +12V	
White	External button (not used)	
Yellow	External button (not used)	
Blue	RGB input Blue	B
Green	RGB input Green	G
Red	RGB input Red	R
Yellow	RGB input CSync	S
Black	RGB input GND	G

Video Interface for Mercedes-Benz 2009
Sub-Board Cable Pinout



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Installation

Install touch screen panel of the adequate size on the LCD front side *(monitor cover plate is removed)*.

Install the sub-board on the back of LCD. Connect touch screen panel flex cable to sub-board connector, also connect LCD matrix flex cable. Join sub-board and video interface by long flexible flat cable.

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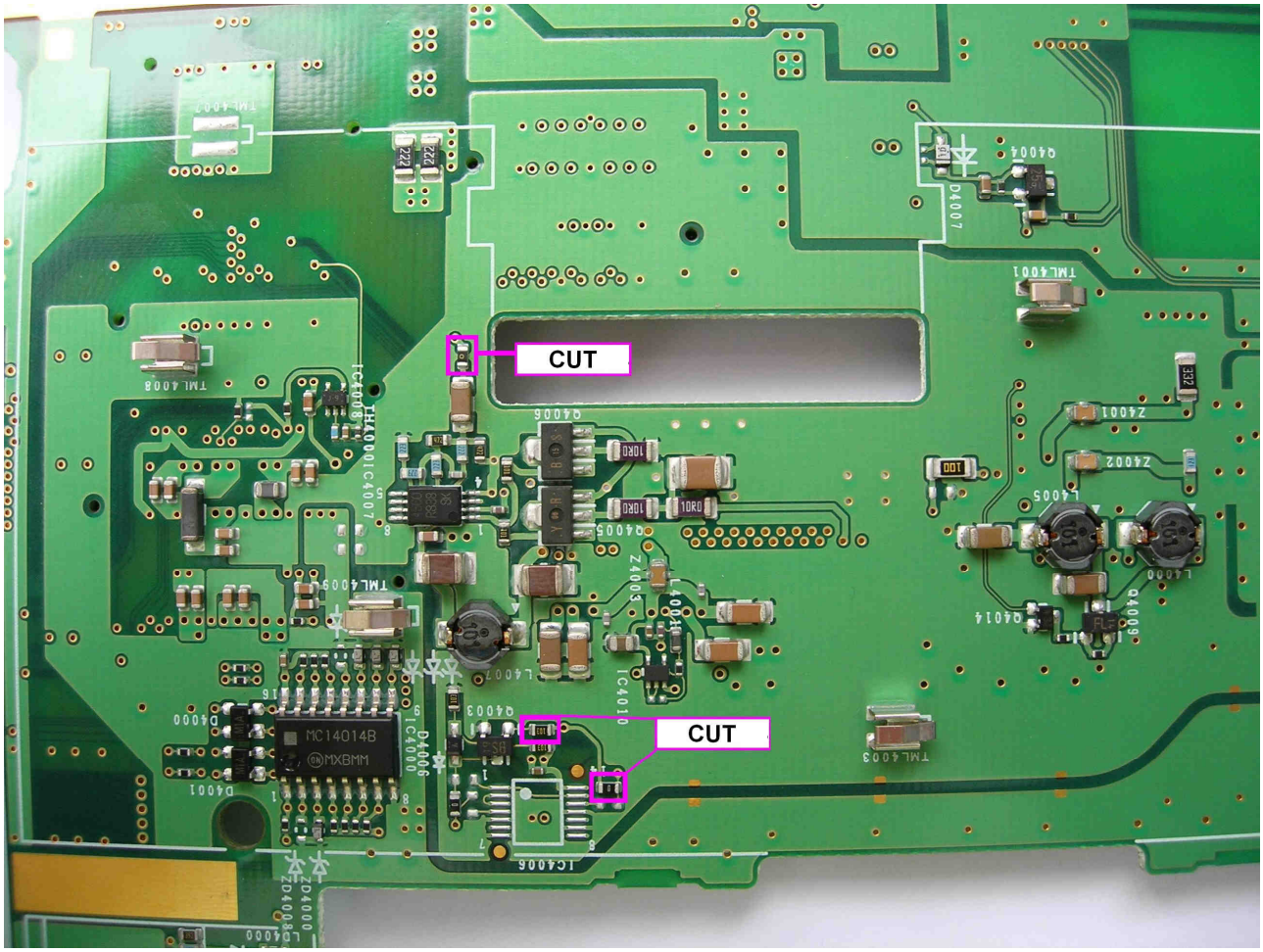
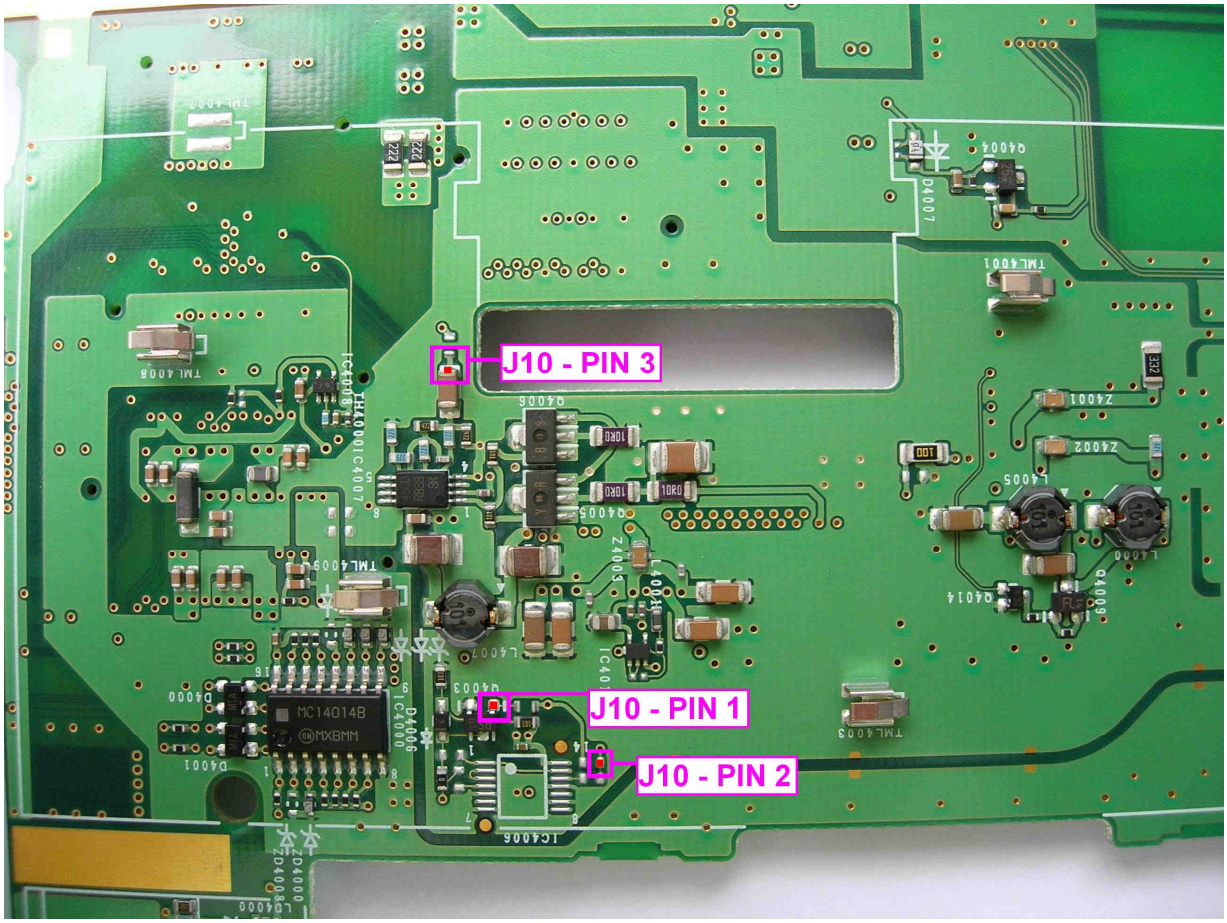
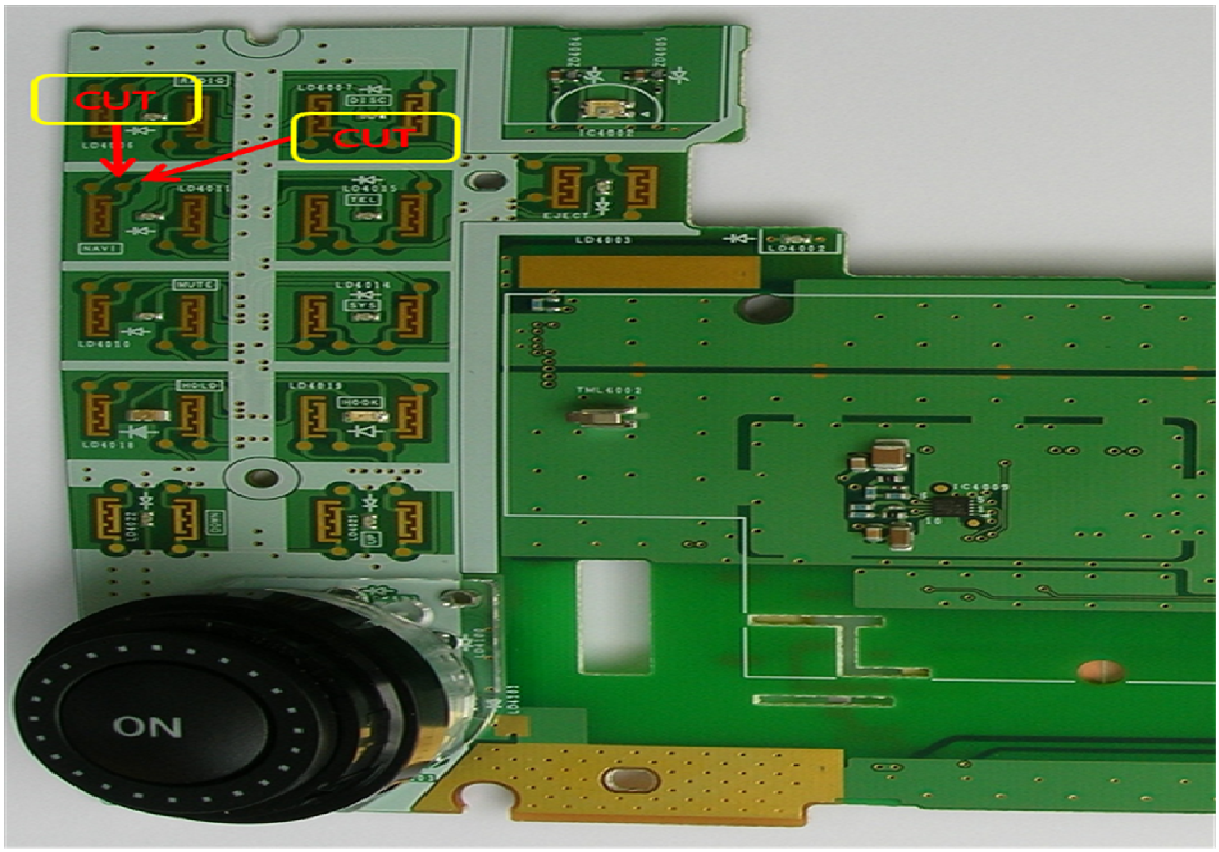
Connection is completed.



Remove marked components.



Solder wires connected to sub-board J10 socket to the marked points.
See J10 socket pinout on the page 4.



Cut off the marked lanes. Be careful!
The board is multilayer and you can damage internal layers and lanes on them.

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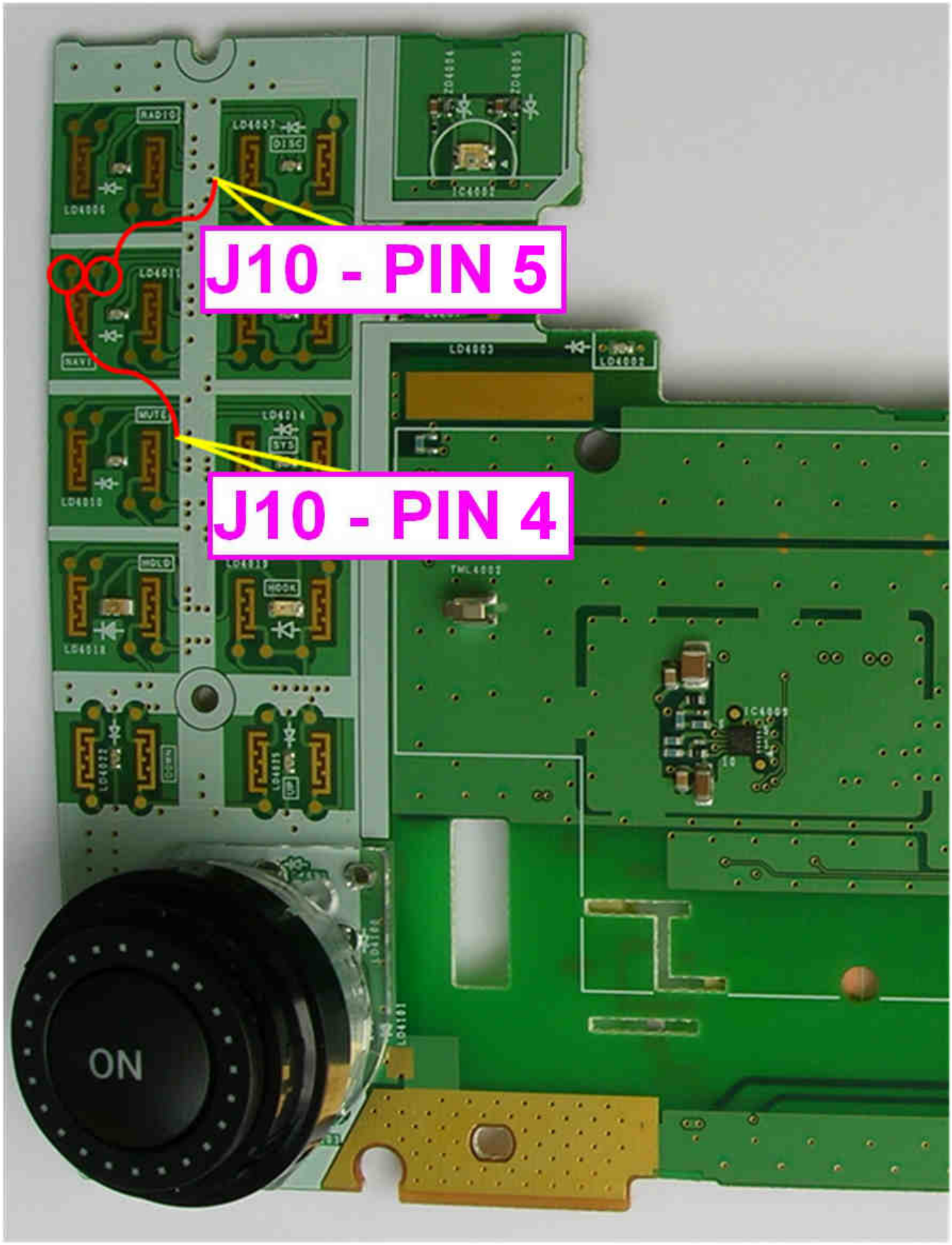

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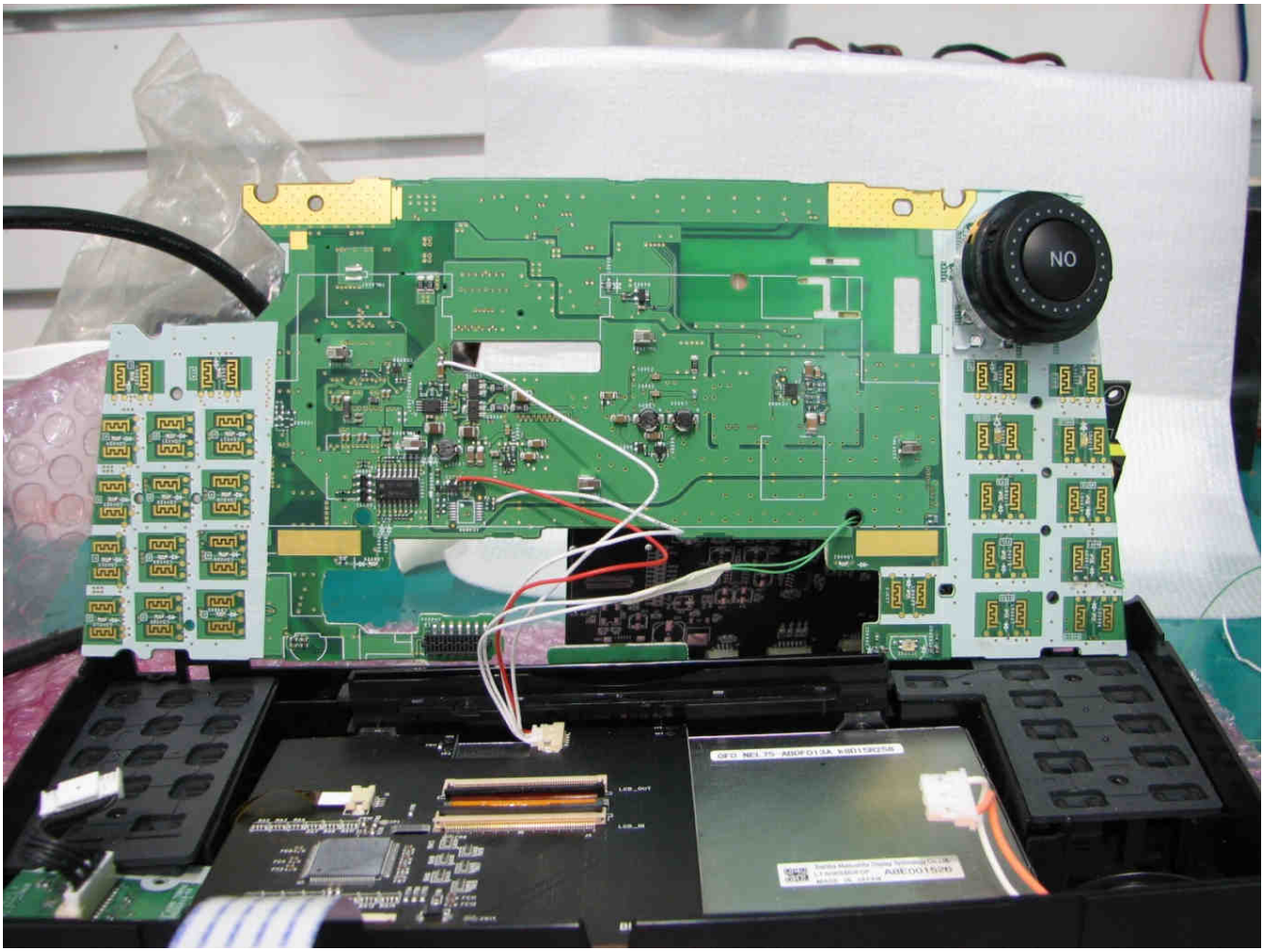
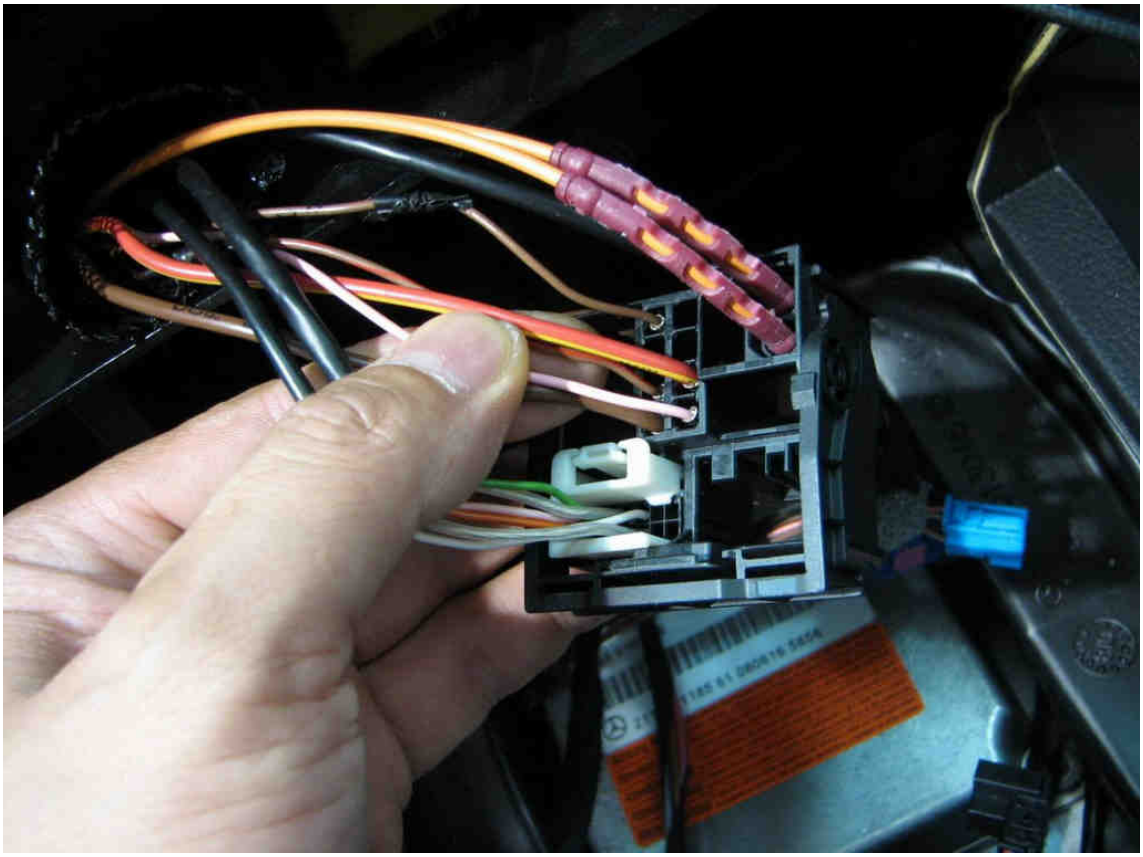


After soldering attach J10 connector to the sub-board.

Attach interface to the bottom of the monitor.



Command original monitor power connector pinout:

1. Red with yellow stripe - **+12V**
2. Brown – **GND**
3. Brown with red stripe - **CAN HIGH**
4. Brown - **CAN LOW**

In order to switch between video inputs (original image, RGB input, AV1, AV2) you have to press **NAVI** button on the OEM monitor (marked on the picture).When switching to reverse gear image from the rear view camera will be automatically displayed even if original image is active.